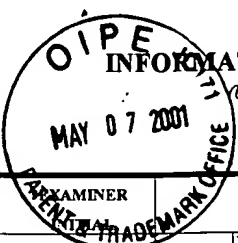
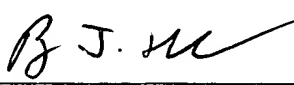
 <p>OIPES INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p>		Docket Number (Optional) 13919 (NECI 1)		Application Number 09/705,507	
		Applicant(s) David W. Jacobs, et al.			
		Filing Date November 3, 2000		Group Art Unit 2623	
<p>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</p>					
RJH		P.N. Belhumeur et al., "What is the Set of Images of an Object Under All Possible Lighting Conditions?", Proceedings of the Computer Vision and Pattern Recognition Conference, pp. 270-277, 1996			
RJH		P.N. Belhumeur et al., "The Bas-Relief Ambiguity", International Journal of Computer Vision, Vol. 35, No. 1, pp 33-44, 1999			
RJH		B. Cabral et al., "Bidirectional Reflection Functions from Surface Bump Maps", Computer Graphics Vol. 21, No. 4, pp. 273-281, 1987			
RJH		T.F. Cootes et al., "Training Models of Shape from Sets of Examples", Proceedings of the British Machine Vision Conference, pp. 9-18, 1992			
RJH		M. D'Zmura, "Shading Ambiguity: Reflectance and Illumination", Computational Models of Visual Processing, Landy, M. and Movshon, J. (eds.), pp. 187-207, 1991			
RJH		A.S. Georgiades et al., "Illumination Cones for Recognition Under Variable Lighting: Faces", Proceedings of the Computer Vision and Pattern Recognition Conference, pp. 52-58, 1998			
RJH		A.S. Georgiades et al., "From Few to Many: Generative Models for Recognition Under Variable Pose and Illumination", Proceedings of the International Conference on Automatic Face and Gesture Recognition, pp. 277-284, 2000			
RJH		H. Groemer, Geometric Applications of Fourier Series and Spherical Harmonics, Cambridge University Press, 1996 pp 97-118			
RJH		G.H. Golub et al., Matrix Computations, John Hopkins University Press, 1989 pp. 466-474			
RJH		P.W. Hallinan, "A Low-Dimensional Representation of Human Faces For Arbitrary Lighting Conditions", Proceedings of the Computer Vision and Pattern Recognition Conference, pp. 995-999, 1994			
RJH		H. Hayakawa, "Photometric stereo under a light source with arbitrary motion", Journal of the Optical Society of America, Vol. 11, No. 11, pp. 3079-3089, 1994			
RJH		B.K.P. Horn, Robot Vision, MIT Press, 1986 pp. 202-277			
EXAMINER B. J. He		DATE CONSIDERED 1/29/04			
<p><small>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p>					

 <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p>		Docket Number (Optional) 13919 (NECI 10)	Application Number 09/705,507
		Applicant(s) David W. Jacobs, et al.	
		Filing Date November 3, 2000	Group Art Unit 2623
		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
RJH	D.W. Jacobs et al., "Comparing Images Under Variable Illumination", NECI TR#97-183, 1997		
RJH	M. Kirby et al., "Application of the Karhunen-Loève Procedure for the Characterization of Human Faces" IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 12, No. 1, pp. 103-108, 1990		
RJH	J.J. Koenderink et al., "Bidirectional Reflection Distribution Function expressed in terms of surface scattering modes", Proceedings of the 4th European Conference on Computer Vision, Vol. 2, pp. 28-39, 1996 RECEIVED MAY 15 2001 Technology Center 2600		
RJH	J. J. Koenderink et al., "The Generic Bilinear Calibration-Estimation Problem", International Journal of Computer Vision, Vol. 23, No. 3, pp. 217-234, 1997		
RJH	Y. Moses, Face Recognition: Generalization to Novel Images, Ph.D. Thesis, Weizmann Institute of Science, Israel, 1993		
RJH	H. Murase et al., "Visual Learning and Recognition of 3-D Objects from Appearance", International Journal of Computer Vision, Vol. 14, No. 1, pp. 5-24, 1995		
RJH	A. Shashua, "On Photometric Issues in 3D Visual Recognition from a Single 2D Image", International Journal of Computer Vision, Vol. 21, No. 1/2, pp. 99-122, 1997		
RJH	K.E. Torrance et al., "Theory for Off-Specular Reflection From Roughened Surfaces", Journal of the Optical Society of America, Vol. 57, No. 9, pp. 1105-1114, 1967		
RJH	M. Turk et al., "Eigenfaces for Recognition", Journal of Cognitive Neuroscience, Vol. 3, No. 1, pp. 71-86, 1991		
RJH	S. Ullman et al., "Recognition by Linear Combinations of Models", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 13, No. 10, pp. 992-1006, 1991		
RJH	S.H. Westin et al., "Predicting Reflectance Functions from Complex Surfaces", Computer Graphics, Vol. 26, No. 2, pp. 255-264, 1992		
RJH	A.L. Yuille et al., "Determining Generative Models of Objects Under Varying Illumination: Shape and Albedo from Multiple Images Using SVD and Integrability", International Journal of Computer Vision, Vol. 35, No. 3, pp. 203-222, 1999		
EXAMINER 		DATE CONSIDERED 1/29/04	
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			